

| Ref # | Hits    | Search Query  | DBs                          | Default Operator | Plurals | Time Stamp       |
|-------|---------|---|------------------------------|------------------|---------|------------------|
| L1    | 72      | 439/668.ccls. and male same female                                      | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2005/10/07 11:15 |
| L2    | 11      | 439/668.ccls. and male same female and side adj wall                    | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2005/10/07 11:21 |
| L3    | 1       | 439/668.ccls. and side adj wall adj contact                             | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2005/10/07 11:22 |
| L4    | 20      | 439/668.ccls. and housing adj contact                                   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2005/10/07 11:27 |
| L5    | 2       | 439/668.ccls. and arc near (protect\$3 prevent\$3 supress\$3)           | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2005/10/07 11:29 |
| L6    | 1       | "20030171038"   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2005/10/07 11:29 |
| L7    | 0       | ("2003/0171038").URPN.  | USPAT                        | OR               | OFF     | 2005/10/07 11:30 |
| L8    | 3208136 | "10"/ "374063"  | USPAT                        | OR               | OFF     | 2005/10/07 11:30 |
| L9    | 0       | "10374063"  | USPAT                        | OR               | OFF     | 2005/10/07 11:30 |
| L10   | 1       | "10/374063"   | USPAT                        | OR               | OFF     | 2005/10/07 11:31 |
| L11   | 82      | Kunugi.in.  | USPAT                        | OR               | OFF     | 2005/10/07 11:31 |
| L12   | 1       | Kunugi.in. and YAZAKI.as.   | USPAT                        | OR               | OFF     | 2005/10/07 11:32 |
| L13   | 3768    | YAZAKI.as.  | USPAT                        | OR               | OFF     | 2005/10/07 11:32 |
| L14   | 2353    | YAZAKI.as. and connector  | USPAT                        | OR               | OFF     | 2005/10/07 11:32 |
| L15   | 186     | YAZAKI.as. and connector and arc  | USPAT                        | OR               | OFF     | 2005/10/07 11:33 |
| L16   | 1       | YAZAKI.as. and connector and arc adj (protect\$3 prevent\$3 supress\$3) | USPAT                        | OR               | OFF     | 2005/10/07 11:32 |
| L17   | 4       | ("2700137"   "4743201"   "6290545").PN. OR ("6743056").URPN.            | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2005/10/07 11:51 |
| L18   | 25      | 439/187.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2005/10/07 11:53 |
| L19   | 58      | 439/186.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2005/10/07 11:53 |
| L20   | 5       | 439/186.ccls. and side adj wall   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2005/10/07 11:53 |

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| L21 | 8   | ("4128735"   "4295701"  <br>"4583804"   "4679875"  <br>"5113101").PN. OR ("5567170").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/10/07 11:55 |
| L22 | 4   | ("2700137"   "4743201"  <br>"6290545").PN. OR ("6743056").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/10/07 11:57 |
| L23 | 4   | ("2700137"   "4743201"  <br>"6290545").PN. OR ("6743056").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/10/07 11:58 |
| S1  | 1   | "602804"  | EPO   | OR | OFF | 2005/10/03 15:54 |
| S2  | 4   | "4034172".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/10/03 15:58 |
| S4  | 2   | "5176528".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/10/03 15:59 |
| S5  | 2   | "5952741".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/10/04 11:20 |
| S6  | 10  | ("4591732"   "4704599"  <br>"4835737"   "4871924"   "4915639"<br>  "4995017"   "5203004"  <br>"5293636").PN. OR ("5952741").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/10/03 16:08 |
| S7  | 21  | ("1911513"   "3843854"  <br>"3944316").PN. OR ("4034172").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/10/03 16:20 |
| S8  | 0   | 439/181.ccls and 439/924.1.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/10/03 16:20 |
| S9  | 9   | "439/181".ccls. and "439/924.1".<br>ccls.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/10/04 11:45 |
| S10 | 0   | "439".ccls.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/10/03 16:27 |
| S11 | 325 | "439/181".ccls.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/10/03 16:41 |
| S12 | 3   | ("2004/0087196").URPN.  | USPAT   | OR | OFF | 2005/10/03 16:34 |

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| S13 | 0   | ("2003/0054683").URPN.   | USPAT                        | OR | OFF | 2005/10/03 16:36 |
| S14 | 188 | "439/924.1".ccls.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/03 16:44 |
| S15 | 14  | "439/924.1".ccls. and (female with<br>(sort\$3 shallow long\$3))   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/03 16:44 |
| S16 | 23  | ("3267334"   "3432795"  <br>"3659243"   "3711819"   "3864000"<br>  "4082394"   "4655518"  <br>"4867690"   "5035632"   "5384492"<br>  "5548891"   "5709574"  <br>"5718598"   "5782651"   "6000952"<br>  "6006298"   "6007351"  <br>"6014533"   "6126457"   "6129564"<br>  "6247937").PN. OR ("6524117").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/03 17:47 |
| S17 | 1   | 10/709050  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/03 17:48 |
| S18 | 331 | "439/181".ccls. "439/924.1".ccls.<br>and (micro\$1controller<br>micro\$1processor)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/04 12:08 |
| S19 | 331 | "439/181".ccls. "439/924.1".ccls.<br>and (micro\$controller<br>micro\$processor)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/03 17:57 |
| S20 | 331 | "439/181".ccls. "439/924.1".ccls.<br>and (microcontroller<br>microprocessor)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/03 17:57 |
| S21 | 331 | "439/181".ccls. "439/924.1".ccls.<br>and (microcontroller<br>microprocessor) and control   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/03 17:57 |
| S22 | 6   | "439/924.1".ccls. and<br>(microcontroller microprocessor)<br>and control   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/03 17:57 |
| S23 | 14  | ("3960428"   "4084875"  <br>"4346419").PN. OR ("4927382").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/03 18:00 |
| S24 | 14  | ("3960428"   "4084875"  <br>"4346419").PN. OR ("4927382").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/04 09:54 |
| S25 | 14  | ("3960428"   "4084875"  <br>"4346419").PN. OR ("4927382").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/04 10:39 |
| S26 | 0   | "93309271.0"   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/04 10:39 |
| S27 | 0   | "93309271"   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/04 10:40 |

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|-----|-------|---|---|----|-----|------------------|
| S28 | 2     | "0602804"   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/10/04 10:40 |
| S29 | 5     | "991881"  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/10/04 10:40 |
| S30 | 11818 | huber.in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/10/04 11:20 |
| S31 | 587   | huber.in. and siemens.as.                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/10/04 11:21 |
| S32 | 0     | "huber, (Anton A)".in.                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/10/04 11:22 |
| S33 | 333   | "huber, A".in.                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/10/04 11:28 |
| S34 | 79    | "huber, Anton".in.                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/10/04 11:22 |
| S35 | 17    | "huber, A".in. and siemens.as.                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/10/04 11:28 |
| S36 | 5     | ("3876884"   "4079304").PN. OR<br>("5336934").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/10/04 11:29 |
| S37 | 1     | "439/181".ccls. and (distribution adj<br>network)   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/10/04 11:45 |
| S38 | 0     | ("2004/0192092").URPN.                              | USPAT   | OR | OFF | 2005/10/04 11:45 |

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| S39 | 0    | "439/181".ccls. and (multiple adj connectors)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/04 11:46 |
| S40 | 0    | "439/181".ccls. and (multiple adj connectors)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/04 11:46 |
| S41 | 1    | "439/181".ccls. and (multiple adj connector)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/04 11:46 |
| S42 | 0    | "439/181".ccls. and (multiple adj plug\$1)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/04 11:47 |
| S43 | 34   | "439/181".ccls. and (distribution)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/04 11:47 |
| S44 | 2    | ("6491532").URPN.  | USPAT                        | OR | OFF | 2005/10/04 11:48 |
| S45 | 51   | ("20020055290"   "20020055567"   "3306879"   "3343153"   "3390331"   "3576493"   "3697932"   "3723270"   "3735025"   "3736505"   "3933773"   "3951871"   "3992567"   "4053702"   "4222625"   "4363842"   "4383131"   "4629277"   "4675475"   "4738318"   "4758171"   "4847450"   "4904932"   "4946393"   "5080942"   "5215475"   "5230640"   "5421750"   "5486388"   "5492740"   "5573410"   "5641306"   "5795180"   "5801332"   "5804630"   "5844170"   "5846093"   "5857862"   "5957712"   "6015629"   "6106954"   "6124549"   "6168447"   "6213799"   "6227908"   "6338637"   "6340794").PN. OR ("6796820").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/04 11:58 |
| S46 | 0    | "307/10.1".ccls. and (longer adj pin) and arc  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/04 11:58 |
| S47 | 0    | "307/10.1".ccls. and (longer same pin same arc)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/04 11:59 |
| S48 | 2383 | "307/10.1".ccls.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/04 11:59 |
| S49 | 0    | "307/10.1".ccls. and arc adj protection and connector  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/04 12:00 |
| S50 | 0    | "439/34".ccls. and arc adj protection and connector  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/04 12:00 |

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| S51 | 22    | "439/34".ccls. and arc   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/04 12:01 |
| S52 | 1396  | distribution adj (network system)<br>and automobile  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/04 12:01 |
| S53 | 18796 | distribution adj (network system)<br>and (automobile vehicle car air)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/04 12:03 |
| S54 | 7234  | distribution adj (network system)<br>same (automobile vehicle car air)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/04 12:03 |
| S55 | 0     | S54 same arc adj (prevent\$3<br>protect\$3)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/04 12:04 |
| S56 | 0     | S54 same (longer adj pin)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/04 12:04 |
| S57 | 866   | (longer adj pin)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/04 12:04 |
| S58 | 15    | (longer adj pin) same arc  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/04 12:05 |
| S59 | 866   | (longer adj pin)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/04 12:05 |
| S60 | 1557  | ((longer shorter) adj (pin plug))  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/04 12:05 |
| S61 | 30    | ((longer shorter) adj (pin plug))<br>same arc  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/04 12:05 |
| S62 | 339   | "439/181".ccls. "439/924.1".ccls.<br>and (distribution)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/04 12:08 |
| S63 | 325   | "439/181".ccls. "439/924.1".ccls.<br>and (distribution near (network<br>system))   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/04 12:08 |
| S64 | 325   | "439/181".ccls. "439/924.1".ccls.<br>and (distribution near (network<br>system)) and (micro\$1controller<br>micro\$1processor)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/04 12:09 |
| S65 | 1     | ("439/181".ccls. "439/924.1".ccls.)<br>and (distribution near (network<br>system)) and (micro\$1controller<br>micro\$1processor) | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/04 12:09 |



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| S66 | 11     | ("439/181".ccls. "439/924.1".ccls.) and (distribution near (network system))   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/04 12:11 |
| S67 | 0      | ("439/924.1".ccls.) and (distribution near (network system))   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/04 12:11 |
| S68 | 16     | ("439/924.1".ccls.) and (distribution)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/04 12:13 |
| S69 | 151    | ("439/924.1".ccls.) and (multiple various plurality)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/04 12:20 |
| S70 | 92     | ("3710197"   "4079440"   "4200865"   "4245270"   "4454552"   "4510553"   "4574332"   "4747783"   "5028809").PN. OR ("5268592").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/04 12:19 |
| S71 | 29     | ("439/924.1".ccls.) and (vehicle automobile air automotive)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/04 14:33 |
| S72 | 420695 | (arc arcing arcs)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/04 14:34 |
| S73 | 13730  | S72 same (cpu processor microprocessor controller computer)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/04 14:34 |
| S74 | 1567   | S73 same (unplug\$3 disconnect\$3 separa\$3)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/04 14:35 |
| S75 | 157    | S74 same (network distribution)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/04 14:36 |
| S76 | 89     | S75 same connect\$3  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/04 14:50 |
| S77 | 25     | connector\$1 same distribution same disconnect same arc  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/04 14:53 |
| S78 | 26     | connector\$1 same distribution same disconnect same male same female   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/04 15:36 |
| S79 | 0      | 439/924.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/04 15:37 |
| S80 | 188    | 439/924.1.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/04 15:40 |

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| S81 | 11  | 439/924.1.ccls. and loads  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/10/04 15:50 |
| S82 | 19  | 439/924.1.ccls. and (automotive automobile vehicle)  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/10/04 15:55 |
| S83 | 27  | 439/924.1.ccls. and (distribution network)   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/10/04 15:57 |
| S84 | 0   | ("2003/0054683").URPN.   | USPAT   | OR | OFF | 2005/10/04 16:20 |
| S85 | 0   | "10127869"   | USPAT   | OR | OFF | 2005/10/04 16:20 |
| S86 | 0   | "10/127869"  | USPAT   | OR | OFF | 2005/10/04 16:21 |
| S87 | 0   | "20030054683"  | USPAT   | OR | OFF | 2005/10/04 16:22 |
| S88 | 2   | "20030054683"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/10/04 16:22 |
| S89 | 4   | "10127869"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/10/04 16:22 |
| S90 | 6   | ("4900267"   "5336934"   "5435748"   "5758414"   "5818673"   "6528899").PN. OR ("6746250").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/10/04 16:46 |
| S91 | 10  | ( "4034172" or "5176528" or "5952741" or "5542425" or "6225153" or "5336934" or "6146160" or "3945699" or "4749357" or "5676571" ).pn.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/10/04 16:46 |
| S92 | 33  | ("2427001"   "2658183"   "3120989"   "3243868"   "3486163"   "3560911"   "3579282"   "3697933"   "3945699"   "4423917"   "4451107"   "4569565"   "4655526"   "4749357"   "4824380"   "5055055"   "5088942"   "5106329"   "5431576"   "5468164"   "5588852").PN. OR ("5676571").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/10/04 17:00 |
| S93 | 470 | 439/34.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/10/04 17:00 |
| S94 | 0   | 439/34.ccls. and 439/118.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/10/04 17:01 |



|          |         |  |                              |    |     |                  |
|----------|---------|--|------------------------------|----|-----|------------------|
| S95      | 1       | 439/34.ccls. and 439/181.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/04 17:03 |
| S96      | 0       | 439/49.ccls. and 439/181.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/04 17:04 |
| S97      | 244     | 439/49.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/04 17:10 |
| S98      | 188     | 439/924.1.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/04 17:10 |
| S99      | 35      | 439/924.1.ccls. and "361".clas.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/04 17:10 |
| S10<br>0 | 30      | ("4453215"   "4486826"  <br>"4510553"   "4579406"   "4597084"<br>  "4654857"   "4835737"  <br>"4848944"   "4985870").PN. OR<br>("5434752").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/04 17:21 |
| S10<br>1 | 9       | ("4079440"   "5272584"  <br>"5317697"   "5434752"   "5530810"<br>  "5555510"   "5974490"  <br>"5983298"   "6038615").PN. OR<br>("6289407").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/04 17:30 |
| S10<br>2 | 124     | 361/733.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/04 17:30 |
| S10<br>3 | 4594227 | side wall adj contact  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/06 14:29 |
| S10<br>4 | 1149    | side adj wall adj contact  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/06 14:30 |
| S10<br>5 | 1       | 439/181.ccls. and side adj wall adj<br>contact   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/06 14:34 |
| S10<br>6 | 10      | 439/181.ccls. and side adj contact   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/06 14:36 |
| S10<br>7 | 208     | 439/181.ccls. and side   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/06 14:37 |
| S10<br>8 | 27      | 439/181.ccls. and sliding with<br>contact  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/06 14:39 |
| S10<br>9 | 325     | 439/181.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/06 14:39 |

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|----------|------|--|------------------------------|----|-----|------------------|
| S11<br>0 | 0    | ("2001/0031572").URPN.   | USPAT                        | OR | OFF | 2005/10/06 14:53 |
| S11<br>1 | 92   | 439/115.ccls.  | USPAT                        | OR | OFF | 2005/10/06 14:53 |
| S11<br>2 | 13   | ("3559146"   "3757273"  <br>"3760133"   "3980368"   "4053194"<br>  "4508400").PN. OR ("4822292").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/06 15:03 |
| S11<br>3 | 25   | 439/187.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/06 15:09 |
| S11<br>4 | 16   | 439/285.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/06 15:12 |
| S11<br>5 | 104  | 439/287.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/06 15:18 |
| S11<br>6 | 187  | lear .as. and connector and side   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/06 15:18 |
| S11<br>7 | 7    | lear .as. and (connector same side<br>same contact)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/06 15:27 |
| S11<br>8 | 19   | ("3132913"   "3340440"  <br>"3885854"   "3940849"   "4486066"<br>  "4521065"   "5015197"  <br>"5098313"   "5104327"   "5564951"<br>  "5980330"   "6000969"  <br>"6142814"   "6244911"   "6379187"<br>  "6398598").PN. OR ("6568961").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/06 15:23 |
| S11<br>9 | 1    | "5015197".pn.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/06 15:23 |
| S12<br>0 | 110  | lear .as. and side adj wall  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/06 15:27 |
| S12<br>1 | 19   | lear .as. and side adj wall and<br>connector   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/06 15:30 |
| S12<br>2 | 0    | arc adj prevention and side adj wall<br>same connector   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/06 15:30 |
| S12<br>3 | 1294 | arc and side adj wall same<br>connector  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/06 15:31 |
| S12<br>4 | 34   | arc and side adj wall same<br>connector same relay   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/06 15:34 |

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|----------|-----|--|---|----|-----|------------------|
| S12<br>5 | 97  | contact same bridge same notch<br>same connector                     | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/10/06 15:35 |
| S12<br>6 | 24  | contact same bridge same notch<br>same connector same slide          | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/10/06 15:37 |
| S12<br>7 | 84  | contact same bridge same notch<br>same slid\$4 and connector         | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/10/06 15:38 |
| S12<br>8 | 16  | contact same bridge same notch<br>same slid\$4 and connector and arc | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/10/06 15:38 |
| S12<br>9 | 2   | "4927382".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/10/06 16:10 |
| S13<br>0 | 2   | "6524117".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/10/06 16:34 |
| S13<br>1 | 2   | "5952741".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/10/06 16:39 |
| S13<br>2 | 0   | arc adj protection and moemtary<br>adj contact                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/10/06 16:39 |
| S13<br>3 | 0   | arc and moemtary adj contact and<br>switch                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/10/06 16:39 |
| S13<br>4 | 487 | arc and momentary adj contact and<br>switch                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/10/06 16:40 |

|          |      |  |   |    |     |                  |
|----------|------|--|---|----|-----|------------------|
| S13<br>5 | 0    | arc adj prevention and momentary<br>adj contact and switch         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/10/06 16:40 |
| S13<br>6 | 5    | arc near prevent\$3 and momentary<br>adj contact and switch        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/10/06 16:41 |
| S13<br>7 | 5    | arc near prevent\$3 and momentary<br>adj contact                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/10/06 16:41 |
| S13<br>8 | 98   | arc and momentary adj contact and<br>connector                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/10/06 16:41 |
| S13<br>9 | 16   | arc and momentary adj contact and<br>connector and notch           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/10/06 17:55 |
| S14<br>0 | 8    | arc and momentary adj contact and<br>connector and notch and slide | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/10/06 17:44 |
| S14<br>1 | 7271 | connector same stepped   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/10/06 17:44 |
| S14<br>2 | 777  | S141 same terminals  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/10/06 17:44 |

|          |       |   |   |    |     |                  |
|----------|-------|---|---|----|-----|------------------|
| S14<br>3 | 44    | S142 same (recessed withdrawn)                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/10/06 17:47 |
| S14<br>4 | 38684 | "45" same female  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/10/06 17:47 |
| S14<br>5 | 26641 | "44" same female  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/10/06 17:47 |
| S14<br>6 | 16542 | "43" same female  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/10/06 17:47 |
| S14<br>7 | 7     | S142 same (recessed withdrawn)<br>same female             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/10/06 17:49 |
| S14<br>8 | 0     | S142 same (recessed withdrawn)<br>same keyed              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/10/06 17:49 |
| S14<br>9 | 6     | male adj body same (recessed<br>withdrawn) same connector | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/10/06 17:57 |
| S15<br>0 | 0     | (female adj pin) near (recessed<br>stepped)               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/10/06 17:58 |

|          |       |  |   |    |     |                  |
|----------|-------|--|---|----|-----|------------------|
| S15<br>1 | 16    | (female adj pin) same (recessed stepped)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/10/06 18:05 |
| S15<br>2 | 2     | "6524117".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/10/06 18:05 |
| S15<br>3 | 23    | ("3267334"   "3432795"  <br>"3659243"   "3711819"   "3864000"<br>  "4082394"   "4655518"  <br>"4867690"   "5035632"   "5384492"<br>  "5548891"   "5709574"  <br>"5718598"   "5782651"   "6000952"<br>  "6006298"   "6007351"  <br>"6014533"   "6126457"   "6129564"<br>  "6247937").PN. OR ("6524117").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/10/06 18:05 |
| S15<br>4 | 2     | "3711819".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/10/07 10:05 |
| S15<br>5 | 23    | ("3223962"   "3404367"  <br>"3432795"   "3439316").PN. OR<br>("3711819").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/10/07 10:42 |
| S15<br>6 | 7     | connector same contact with side<br>with notch with slide  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/10/07 10:43 |
| S15<br>7 | 0     | ("2003/0176087").URPN.   | USPAT   | OR | OFF | 2005/10/07 10:46 |
| S15<br>8 | 12994 | Erez, Jacob.in.  | USPAT   | OR | OFF | 2005/10/07 10:46 |
| S15<br>9 | 1     | "Erez, Jacob".in.  | USPAT   | OR | OFF | 2005/10/07 10:46 |
| S16<br>0 | 7     | ("5263879"   "5649840"  <br>"5775952"   "6116960"   "6222987"<br>  "6296526").PN. OR ("6682356").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/10/07 10:50 |
| S16<br>1 | 651   | 439/668.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/10/07 11:15 |
| S16<br>2 | 48    | 439/668.ccls. and notch  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/10/07 11:06 |



|          |    |  |                              |    |     |                  |
|----------|----|--|------------------------------|----|-----|------------------|
| S16<br>3 | 16 | ("4286262"   "4842235"  <br>"5007863"   "5331580"   "5633538"<br>  "5708706"   "5860824"  <br>"5876248"   "6007372"   "6212415"<br>  "6273771"   "6338563"  <br>"6368155"   "6394846"   "6396388"<br>  "6682356").PN. OR ("6855003").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/07 11:04 |
| S16<br>4 | 1  | 439/668.ccls. and momentary  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/07 11:07 |
| S16<br>5 | 98 | 439/668.ccls. and side adj wall  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/07 11:07 |
| S16<br>6 | 5  | 439/668.ccls. and (side adj wall)<br>near contact  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/07 11:08 |
| S16<br>7 | 12 | ("0513949"   "2495657"  <br>"4054352"   "4319798"  <br>"4988315").PN. OR ("5131870").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/07 11:09 |